

# CLAIMS

1. Actuator including a cylindrical body (10), a piston (30) adapted to slide relative to said body, means for transmitting mechanical power to said piston and also constituting means for controlling the position of said piston (30), and means for transmitting hydraulic power to said piston (25).

2. Actuator according to claim 1 characterized in that said means for transmitting mechanical power comprise a screw-and-nut system.

3. Actuator according to any one of the preceeding claims characterized in that said mechanical power is supplied by a coupled motor.

4. Actuator according to claim 3 characterized in that it includes a control system for said motor for controlling the position of said piston.

5. Actuator according to any one of the preceeding claims characterized in that said hydraulic power is supplied by a hydropneumatic accumulator (50).

6. Actuator according to any one of the preceeding claims characterized in that said means for transmitting mechanical power and said means for transmitting hydraulic power (25) are disposed coaxially.

7. Actuator according to claim 6 characterized in that said means for transmitting hydraulic power (25) surround said means for transmitting mechanical power.

8. Actuator according to any one of the preceeding claims characterized in that it includes a control and synchronization interface.